

P/015/62/000/004/001/001
D001/D101

The influence of grain size ...

unit volume of grains was determined in a Blaine apparatus and expressed in units of $10^3 \text{ cm}^2/\text{g}$. Test samples prepared from moistened powder mixtures were fired for 80 minutes at $1,250^\circ\text{C} \pm 20^\circ\text{C}$ and examined for dielectric properties such as susceptibility, breakdown strength, loss factor, and physical properties such as shrinkage, water absorption, etc. Conclusions: Grain size and grinding technology have a great bearing on the properties of ceramics. Preliminary grinding of feldspar and quartz is recommended for better properties and further advantages such as lower firing temperature, lower flux content (feldspar), reduction of wet-grinding time from 50 to 20 hours, $1,500 \text{ cm}^2/\text{g}$ more surface area per unit volume, about 1% less shrinkage, 0.1% less water absorption, about $100 \text{ kg}/\text{cm}^2$ more breaking strength, an increase in breakdown strength by 5 kV/mm and overall improvement in dielectric properties. There are 2 tables and 8 figures.

Card 2/2

WINOGRADOW, Leon; WIDAJ, Jozef; CIESLA, Marian

Influence of the size of grains and vibration milling upon
the characteristics of resistor porcelain. (To be contd.).
Szklo 13 no.3:83-87 Mr '62.

CIESLA, Ryszard

Parceling and mingling dispositon by H. Andersson. Reviewed
by Ryszard Ciesla. Przegl geogr. 35 no.1:107-110 '63.

CIESLA, Stefan

Computation of axially symmetrical dome frames. Budown Gliwice no.
12-23-37 '64.

1. Department of Mechanics and Strength of Materials of the Silesian
Technical University, Gliwice.

CLCSD, Wladyslaw, inz.

Spectrographic method of determining silver in lead concentrates.
Rocznik metale 9 no. 4:202-204 pp '64.

CIESLA, Wladzimierz, techn.

For a rational organization of the regional utility power industry.
Energetyka Pol 16 no.1:28-30 '62.

1. Zaklad Energetyczny Rzeszow, Czlonek Prezydium Rady Robotniczej.

CIESLA, Wladzimierz

For a proper structure of workers' councils in industrial power producing plants. Energetyka Pol. 17 no.3:Suppl.: Energopomiar 9 no.2:90-92 Mr '63.

1. Zaklad Energetyczny, Rzeszow.

CHIESLA, Wladzimierz

Proper fixing of monthly plans as basis for carrying out
the annual plan. Energetyka Pol 17 no.8:249-254 Ag '63.

1. Zaklad Energetyczny, Rzeszow.

CIESLA, Wladzimierz

Necessary improvement of industrial safety in electric power stations. Energetyka Pol 18 no. 1: 18-20 Ja '64.

1. Zaklad Energetyczny, Rzeszow.

CIESLA, Wojciech; MARCINEK, Jerzy

Characteristics of podzols and meadow peat soils in the
variety evaluation station in Nowawies Ujska taking into
consideration their chemical and physicochemical properties.
Roczniki wyz szkola rol Poznan 15 115-132 '63.

1. Department of Soil Science, College of Agriculture,
Poznan.

REIMANN, Brunon; CIESLA, Wojciech

Fluviogenic soils of the Vistula Valley at Grabce Village. Rocznik nauk
roln rosl 82 no.2:325-354 '61.

REIMANN, Brunon; CIESLA, Wojciech

The black earth of the Wrzesnia Plain. Prace nauk roln i
lesn 19 no.1:151-172 '65.

1. Department of Soil Science of the School of Agriculture,
Poznan.

POLARD

S. MOSKALEWSKI and Z. CIESLA, Department of Histology and Embryology,
Head K. OSTRÓWSKI, School of Medicine, Warsaw [Original version not
given], Warsaw.

"Comparative Study of Non-Specific Phosphatases and Esterases in the
Kidneys of Rabbits and Hamsters."

Krakow, Folia Biologica, Vol 10, No 3-4, 1962; pp 295-305.

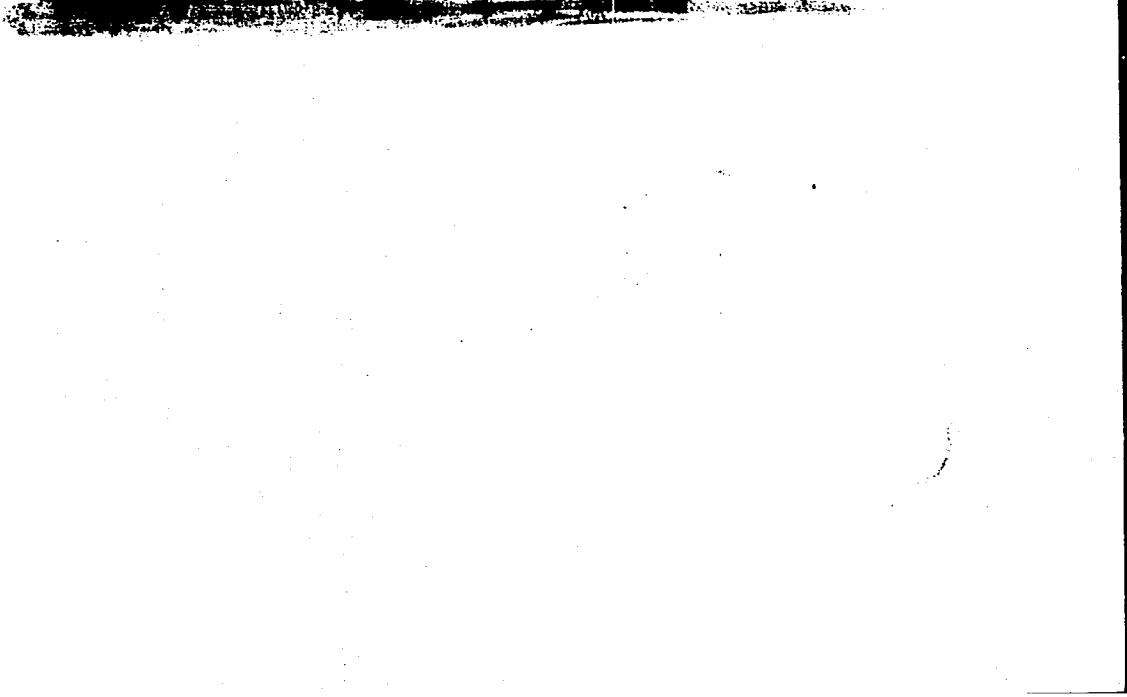
Abstract [English article]: In both species, alkaline phosphatase was
present in the proximal convoluted tubule only, but acid phosphatase
and non-specific esterase were present in minor quantities in other
parts of the nephron in the rabbit, while in the hamster, the glomerular
capsule and the thin segment of Henle's loop was free of enzymes. Table,
12 photomicrographs, 9 Western references.

1/1

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9

NAPIORKOWSKI, Jan, mgr inz.; KROCHMAL, Wieslaw, mgr inz.; CIESLAK, Albin, inz.

A case of downfall of the driver's cab with the operating crew from
a steel frame traveling bridge. Energetyka Pol 15 no.10:316-318 -


APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9"

ZAWADZKI, Jerzy, prof. dr inz.; CIESLAR, Boguslaw, dr inz.;
GABRYSZEWSKI, Zdzislaw, dr inz.; OKOLOW, Bronislaw, dr inz.;
GODOWICZ, Tadeusz, dr inz.

Certain mechanical problems in the design of high-power turbo-generators. Przegl elektrotechn 40 no.5:222 My '64.

1. Department of Technical Mechanics, Technical University, Wroclaw (for Zawadzki, Cieslar, Gabryszewski, Okolow).
2. Dolmel Works, Wroclaw (for Godowicz).

CIESLAK, D.

"Foundations Of The New Standards For Estimates" p. 76. (Przeglad Budowlany, Vol. 25,
no. 2, Feb. 1953, Warszawa)

SO: Monthly List of/~~new~~ Accessions, /Library of Congress, February, 1954 ~~1953~~, Uncl.

CIESLAK, D.

Using stone in building walls, p. 65. (MATERIALY BUDOWLANE, Warszawa, Vol. 10, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955,
Uncl.

CIESLAK, D.

Lowering building costs by application of local raw materials, p. 21. (PRZEGLAD
BUDOWLANY, Warszawa, Vol. 27, no. 1, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 16, Jun. 1955,
Uncl.

CIESLAK, D.

"The organization of building institutes."

p. 25 (Budownictwo Przemysłowe) Vol. 6, no. 11, Nov. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CIESLAK, D.

"For what and how premiums ought to be distributed among workers of the building industry."

p. 28 (Budownictwo Przemyslowe) Vol. 6, no 12, Dec. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CIESLAK, E.; KOEPPE, M.

Studies on the use of cold helactin dyestuffs. Przegl
włokien 17 no. 2:80-85 F '63.

1. Laboratorium Kolorystyczne, Zaklady Przemyslu Bawelniowego
Boruta, Zgierz.

GELBER, Jerzy; CIESLAK, Elzbieta

Iron metabolism in infectious hepatitis in children. Roczn. pom. akad. med. Swierczewski. 7:245-260 '61.

1. Z I Kliniki Pediatricznej Pomorskiej Akademii Medycznej Kierownik: doc. dr med. Julia Starkiewiczowa z Oddzialu Dzieciecego Wojsk. Szpitala Zakaznego w Szczecinie Dyrektor: dr Marian Habela i z Laboratorium Centralnego PSK Nr 1 w Szczecinie Kierownik: dr Halina Sliwinska.

(HEPATITIS INFECTIOUS blood) (IRON blood)

FYDRYK, Janusz; LACKI, Leon; CIESLAK, Elzbieta

Treatment of hypochromic anemia in underweight infants with oral iron preparations. Pediat. pol. 37 no.9:919-926 S '62.

1. Z I Kliniki Pediatricznej PAM w Szczecinie Kierownik: doc. dr med. J. Starkiewiczowa i z Centralnego Laboratorium Państwowego Szpitala Klinicznego Nr 1 w Szczecinie Kierownik: lek. H. Sliwinska.
(ANEMIA HYPOCHROMIC) (IRON) (INFANT NUTRITION DISORDERS)

STARKIEWICZOWA, Julia; SLIWINSKA, Halina; LACKI, Leon; CIESLAK, Elzbieta

Chromatography of amino acids in body fluids in leukemia.
Pediat. pol. 38 no.6:559-564 Je '63.

1. Z I Kliniki Pediatricznej PAM w Szczecinie Kierownik: prof.
dr med. J. Starkiewiczowa i z Centralnego Laboratorium PSK
nr 1 w Szczecinie Kierownik: lek. H. Sliwinska.
(CEREBROSPINAL FLUID) (AMINO ACIDS)
(URINE) (ELECTROPHORESIS)
(LEUKEMIA) (BLOOD CHEMICAL ANALYSIS)

GIESIĄK, Małgorzata, BORCZYŃSKI, Jan., SLIWINSKA, Halina

Apropos of paper chromatography of free amino acids in the cerebrospinal fluid and blood in tuberculous cerebrospinal meningitis in children. Ped. Pol. 39 no.11 1289-1297 N 164

1. Z I Kliniki Pediatricznej Pomorskiej Akademii Medycznej w Szczecinie (Kierownika prof. dr. med. J. Starkiewiczowa) i z Centralnego Laboratorium WPK nr. 1 w Szczecinie (Kierownika lek. H. Sliwińska).

LEWENFISZ-WOJNAROWSKA, Teofila; CIESLAK, H.

Lesions of the liver in rheumatic diseases in children. Polskie
arch. med. wewn., 25 no.6a:1251-1255 1955.

1. Z II Kliniki Chorob Dziecięcych A. M. w Warszawie Kierownik:
prof. dr. med. M. Michalowicz. Zastępca kierownika: prof dr. med.
T. Lewenfisz-Wojnarowska Warszawa, ul. Marszałkowska 55/73, m. 53.

(LIVER FUNCTION TESTS, in various diseases,
rheum. in child. (Pol))

(RHEUMATISM, in infant and child,
liver funct. changes. (Pol))

SOKOLOWSKA-DEKOWA, Antonina; CIESIAK, Helena

Liver damage in cases of intestinal lambliasis in infant & young children.
Pediatria polska 33 no.8:925-933 Aug 58.

1. Z II Kliniki Pediatrycznej A. M. w Warszawie Kierownik: prof. dr med.
M. Michalowicz. Adres Warszawa, ul. Litewska 16.

(GIARDIASIS, in inf. & child
intestinal, with liver manifest., ther. (Pol))

(INTESTINES, dis.
giardiasis in child., with liver manifest. (Pol))

(LIVER, in various dis.
intestinal giardiasis in child. (Pol))

LEWENFISZ-WOJNAROWSKA, T.; ZYGIERT, Z.; CIESIAK, H.

A case of lupus erythematosus. Pediat.polska 34 no.11: 1423-1426
'59.

l. z II Kliniki Pediatrycznej A.M. w Warszawie. Kierownik: prof.
dr. med. M. Micholowicz. Zastępca kierownika: prof.dr.med. T.Lewenfisz-Wojnarowska.

(LUPUS ERYTHEMATOSUS in inf.& child.)

LEWENFISZ-WOJNAROWSKA, T.; ZYGIERT, W.; CIESIAK, H.

Clinical aspects and pathogenesis of lupus erythematosus. Pediat.
polska 34 no.11: 1449-1460 '59.

1. Z II Kliniki Pediatricznej A.M. w Warszawie. Kierownik Kliniki:
prof.dr.med. M. Michalowicz. Zastepca Kierownika: prof.dr.med.
T. Lewenfisz-Wojnarowska.
(LUPUS ERYTHEMATOSUS in inf.& child.)

ZYGIERT, Zenona; CIESLAK, Helena

A case of lymphosarcoma developing into leukemia. Pol. arch. med.
wewn. 32 no.9:1189-1194 '62.

1. Z II Kliniki Chorób Dziecięcych AM w Warszawie Kierownik: prof.
dr med. T. Lewenfisz-Wojanowska.
(LEUKEMIA LYMPHOCYTIC) (LYMPHOSARCOMA)

CIESLAK, Jan, dr.

Medical certificates required for applications for invalid pensions.
Praca zabezp spol 3 no.12:19-21 '61.

1. Przewodniczacy Obwodowej Komisji dla Spraw Inwalidztwa i
Zatrudnienia w Zamosciu.

CIESLAK, J.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Organic Chemistry

② Chem

K vitamins and antivitamins. [Chmielewska and J. Cieślak, *Przemysł Chem.* 36, 193-8 (1952); cf. *C.A.* 47, 9773d.]—The lactone of 3,5-dioxohexanoic acid with CH_2N_2 gives a 1:3 mixt. of 2-methoxy-6-methyl-4-pyrone and 4-methoxy-6-methyl-2-pyrone, $\text{C}_7\text{H}_8\text{O}_2$, m. 89-90°. The structure of the products is confirmed by comparison of their absorption spectra with those of known 2- and 4-pyrones.

PP-34
P.W.

CIESLAK

Separation of two isomeric ethers of 4-hydroxycoumarin,
4-methoxycoumarin, and 2-methoxychromone. Jerry Cieslak (Univ. Warsaw). Roczniki Chem. 26, 485-5 (1952)
(English summary) A new method of sepg. the two iso-
meric ethers of 4-hydroxycoumarin is described. 2-Meth-
oxychromone hydrochloride formed in the course of the sepg.
decomp. easily in the presence of moisture; it melts with
decompn. at 85°. Edward A. Ackermann

CIESLAK, J.: CHMIELEWSKI, I.

"Yangonin and Pseudoyangonin: Two Isomeric Ethers of Yangonalactone." In English.
P. 257,
(GEODEZJA I KARTOGRAFIA, Vol. 1, No. 6, 1953, Warszawa, Poland.)
(Polska Akademia Nauk.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

CIESLAK, J.

POL.

Yangonin and pseudoyangonin. I. Chmielewska and J. Cieślak, *Bull. Acad. polon. sci., Classe III*, 1, 257-60 (1953); *Roczniki Chem.* 28, 38-42 (1954) (English summary).
Excess CH₃NH₂ was added to 0.7 g. of yangonalactone (I), m. 237-0°, the soln. was filtered, the filtrate satd. with dry HCl, and the ppt. decompd. with excess Et₃NH in Et₂O to give, after evapn., 0.1 g. 0-(*p*-methoxystyryl)-2-methoxy-pyrone (II), m. 138-40°. The acid filtrate deposited 0.5 g. 0-(*p*-methoxystyryl)-1-methoxy- α -pyrone (III), m. 163-4°. The latter m.p. is that given for natural yangonin. Both II and III form complex salts with FeCl₃, AuCl₄, and LiPtCl₆. The results show that natural yangonin belongs to the group of α -pyrones.
Norman D. Dawson

CIESLAK, J.

POL.

3168

547.813 : 541.02

Chmielewska I., Cieslak J. Yungonine and Pseudoyungonine — Two Isomeric Ethers of Yungonolactone.

"Yungonina i pseudoyungonina — dwa izometryczne etery laktonu yungonowego". Roczniki Chemii (PAN). No. 1, 1954, pp. 38—39.

The results of experiments have proved that natural yungonine is one of the group of α -pyrones and is a 6-(*p*-methoxysilyl)-4-methoxy- α -pyrone. The commonly accepted γ -pyrone formula proposed by Borsche does not represent the natural compound but the new isomeric ether of yungonolactone — pseudoyungonine, obtained by the authors.

(1) *[Handwritten mark]*

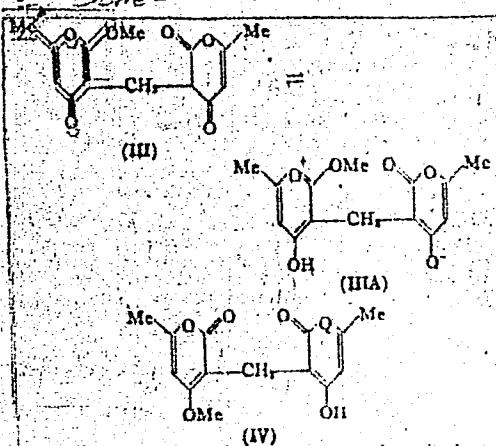
CIESIAK, J.

POL.

Vitamin and antivitamin K. The isomeric monoethers of 3,3'-methylenebis(6-methyl-2,4-pyronone). I. Chmielewska and J. Ciesiak (Univ. Warsaw). *Bull. acad. polon. sci., Class. mat.,* 1954, 2, 52-52 (1954); cf. *C.A.* 48, 5182g.—In a previous paper (loc. cit.) on the mechanism of vitamin and antivitamin K action, the tautomerism of 6-methyl-2*H*-pyran-2,4(3*H*)-dione had been established. To investigate the tautomerism of bis compds., 3,3'-methylenebis(6-methyl-2*H*-pyran-2,4(3*H*)-dione) (I) was used as a model. Methylation of 8 g. I with CH_3N_3 in Et_2O gave 2 compds.; 4 g. product (II) insol., in Et_2O , m. 100-201°, shown to be 3,3'-methylenebis(6-methyl-4-methoxy-2*H*-pyran-2-one), and 4 g. III, sol. in Et_2O . III was sepd. from Et_2O as a cryst. *HCl* salt; free base, glasslike mass. On heating (80-8°) III decompd. into I. Other properties of III corresponded to already known derivs. of 2-methoxy-4*H*-pyran-4-one and thus its structure is represented by III or IIIA. IV, m. 147-9° was obtained by methylation of the mono-Na salt of I with CH_3N_3 ; more CH_3N_3 gave II. (60 i.1)

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CIA-RDP86-00513R000309220006-9"

CIESIAK, J.; CHMIELEWSKA, I.

"Vitamins and Antivitamins K. The Isomeric Monoethers of 3, 3'-methylene-bis
(6-methyl-2,4-pyronone)", P. 149, (POLSKA AKADEMIA NAUK, Vol. 2, No. 3, 1954,
Varsovie, Poland)

SO: Monthly List of East European Accessions (EHAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

Distr: 4E2c(j)7

7

Tautomerism of 3,3'-methylenebis(pyran-2,4-dione) systems. J. Cieciuk. *Zeszyty Problematyczne Nauki Polskiej*, 9, 81-91966. Tautomerism of 3,3'-methylenebis(6-methylpyran-2,4-dione) (I). It was previously established that nonsubstituted 6-methylpyran-2,4-dione methylated by CH_3N_2 gives 2 isomeric 2- and 4-methoxy compds. in the ratio 77:23. Methylation of I gives 4,4'-dimethoxy compd. and 4-MeO compd. (II), which dissolved in ether satd. with HCl gas forms a hydrochloride. The α -pyranone- γ -pyranone structure of II was proved by ultraviolet spectrum. A 2nd isomeric mono-Me compd. (III) was prepd. from mono-Na salt of II by methylation with CH_3N_2 . Properties and the ultraviolet spectrum of III show that it possesses the α -pyranonemethylene- γ -pyranone structure. K. R.

3
2-May
1

CHMIELEWSKA
POLAND/Organic Chemistry. Naturally Occurring Substances
and their Synthetic Analogs.

G-3

Abs Jour: Referat Zhur-Khimiya, No 4, 1957, 11456.

Author : Chmielewska, I., Cieslak, J., and Szpalerska, K.

Inst :
Title : Vitamins and Antivitamins K. VII. Synthesis of 3-Substituted Derivatives of 4-hydroxycoumarin

Orig Pub: Roczniki Chem, 30, No 3, 813-823 (1956) (in Polish with
an English summary)

Abstract: The following standard substances have been synthesized for the purpose of investigating the relationship between chemical structure and anticoagulating activity: 3-(1'-phenylethyl)-4-hydroxycoumarin (I), mp 207-208°; 3-(2'-phenylpropyl)-4-hydroxycoumarin (II), mp 159-161°; 3-(2'-phenylbutyl)-4-hydroxycoumarin (III), mp 146-148°;

Card : 1/3

POLAND/Organic Chemistry. Naturally Occurring Substances
and Their Synthetic Analogs.

G-3

Abs Jour: Referat Zhur-Khimiya, No 4, 1957, 11456.

3-(1'-phenylbutyl)-4-hydroxycoumarin (IV), mp 194-196°. The methyl ester (ME) of I has an mp of 107-109°; ME II, mp 112-113°; ME III, mp 109-110°; ME IV, mp 117-118°. The synthesis of the above compounds is based on cyclization following Claisen condensation of derivatives of the ME of salicylic acid substituted in the phenol ring by the residue by the corresponding phenylaliphatic acid. 3-phenylbutyric and 3-phenylcaproic acids are obtained from the corresponding 3-hydroxy-3-phenylaliphatic acids; 4-phenylvaleric acid is obtained from 4-methylbutyric acid. The UV absorption curves and the values of λ_{max} and λ_{min} for I, II, III

Card : 2/3

POLAND/Organic Chemistry. Naturally Occurring Substances and
their Synthetic Analogs.

G-3

Abs Jour: Referat Zhur-Khimiya, No 4, 1958, 11457.

3'-(4-ethoxy-6-methyl- β -pyrone)-methylene-3-(4-hydroxy-6-methyl- β -pyrone) (IV), mp 147-149° (from benzene-petroleum ether). The action of an excess of DM on IV gives II. On the reaction with a solution of diazoethane (DE) I gives 3'-(4-ethoxy-6-methyl- β -pyrone)-methylene 3-(4-hydroxy-6-methyl- β -pyrone) (V), mp 138-139° (from aqueous acetone); the action of an excess of DE on V gives 3,3'-methylenabis-(4-ethoxy-6-methyl- β -pyrone) (VI), mp 177-179° (from aqueous acetone). II and DE and V and DM give 3-(4-ethoxy-6-methyl- β -pyrone)-methylene-3'-(4-ethoxy-6-methyl- β -pyrone), mp 145-147° (from aqueous acetone). The following ethers of dicoumarol have been prepared by various methods (the mp are given): monomethyl, 172-175° (from aqueous CH₃OH); monoethyl,

Card : 2/3

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POLAND/Organic Chemistry. Naturally Occurring Substances
and their Synthetic Analogs.

G-3

Abs Jour: R ferat Zhur-Khimiya, No 4, 1958, 11457.

172-174° (from aqueous CH₃OH); diethyl, 183-185° (from aqueous alcohol; methyl ethyl, 127-128 (from aqueous acetone). All of the above ethers have the α , β -pyrone configuration. Since I on methylation gives 50% α -pyrone and 50% β -pyrone, the authors assume that I and its ethers have dipole structures in which the pyrone residues have charges of varying polarity. The curves for the UV spectra of III, IV, 4-methoxy-6-methyl- α -pyrone, and 2-methoxy-6-methyl- α -pyrone as well as the UV spectra of II, III and IV are given.

Card : 3/3

POLAND / Organic Chemistry. Natural Compounds
and Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimya, No 23, 1958, 77845.

Author : Chielewska, I. and Cieslak, J.

Inst : Not given.

Title : Vitamins and Antivitamines K. 2,4'-dimethyl-
ether of Dicumarol.

Orig Pub: Roczniki Chem, 31, No 3, 1079-1081 (1957) (in
Polish with an English summary).

Abstract: The previously reported (RZhKhim, 1958, 11457)
γ-pyrone tautomerism for 3,3'-methylene-
bis-(6-methyl-2,4-pyrones) has been confirmed
for 3,3'-methylene-bis-(4-hydroxycumarin) by
the isolation of 3-3'-methylene-bis-(4-meth-
oxycumarin) (I) and 3-(4-methoxycumarin)-methy-
lene-3'-(2'-methoxychromone) (II). I and II

Card 1/2

POLAND / Chemical Technology. Chemical Products
Fermentation Industry.

H

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68933.

Author : Cieslak, J.
Inst : Not given.

Title : Reasons for the Formation of Sediments and Murky
Appearance of the Quality Vodkas and Their
Characteristics.

Orig Pub: Przem. fermentacyjny, 1958, 2, No 2, 55-58.

Abstract: Short presentation of Farkhmin's results (Ref.
Zhur-Khimiya, 1958, 37796) regarding the compo-
sition and reasons of its formation in alcoholic
beverages.

Card 1/1

CIESLAK, J.

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, Vol. 32, No. 4, 1958

CIESLAK, J. Structure of yangonin. II. Synthesis of compounds belonging to the yangonin and pseudo-yangonin group. p. 837.

Monthly List of East European Accessions (EEAI) LC VOL. 8, NO. 4
April 1959, Unclass

CIESLAK, J.; LEWAK, S.; CHMIELEWSKA, I.

Isomeric methyl ethers of 3-substituted 4-hydroxycoumarins. p. 349.

ROZCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl .

CIESIAK, J.; KURZEPA, Stanislaw; LESINSKI, Jah; PODLEWSKA, Alicja,

Effect of several uronic & onic acids & their lactones on uterus
in vitro. Polski tygod. lek. 14 no.12:513-515 23 Mar 59.

l. Z Zakladu Farmakologii, p.o. kier.: mgr St. Kurzepa oraz Dzialu
Matki kier.: prof. dr Jan Lesinski, Instytutu Matki i Dziecka w Warszawie;
dyrektor: prof. dr Fr. Groer. Adres: Warszawa, ul. Madalinskiego 25,
Inst. Matki i Dziecka.

(GLUCONATES, eff.

gluconic acid & gluconic acid lactones on uterus in vitro
(Pol))

(UROMIC ACIDS, eff.)

galacturonic acid & galacturonic acid lactones on uterus in
vitro (Pol))

(GLUCURONATES, eff.)

glucuronic acid & glucuronic acid lactones on uterus in vitro
(Pol))

(UTERUS, eff. of drugs on

galacturonic, gluconic & glucuronic acids & their lactones
on uterus in vitro (Pol))

CIESLAK, J.

Distr: 4E3d

N-Substituted phenoxazines. The oxygen analog of chlorpromazine. Jerzy Cieślak, Stanisław Kurzepa, and Kryszyna Ostalska (OMV-Warsaw). Roczniki Chem. 34, 103-10 (1960) (English summary).—The synthesis of 10-[*N*-dimethylamino]propyl]phenothiazine (**Ia**) and its O analog, 2-chloro-10-[*(N*-dimethylamino)propyl]phenoxazine (**Ib**) (b. 128-30°/0.006 mm., yield 91%; HCl salt m. 215-10°) was described. 2-Chloro-9-ultraphenoxazine was reduced with SnCl₄ to 2-chloro-9-aminophenoxazine-HCl (**II**), m. 228-30°. **II** (16 g.) in 300 ml. EtOH, 20 ml. C₆H₆, and 5 ml. concd. H₂SO₄ was boiled with addn. of 6 g. NaNO₂ and cooled below 0° to yield 85% compd. (**III**), m. 186-7°, with 3 N atoms forming a triazine system. **III** (12.3 g.) and 1.5 g. powd. Cu was boiled in 200 ml. EtOH-20 ml. H₂SO₄ and the soln. poured into 1 l. H₂O to ppt. 91% 2-chlorophenoxazine (**IV**), m. 144-5° (Me₂CO). **IV** (10.8 g.) in 50 ml. xylene was boiled with 6.1 g. 1-chloro-3-(*N*-dimethylamino)propane and 1.9 g. Na amide, **Ib** extd. with H₂O contg. HCl, KOH added, the mixt. extd. with Et₂O, and distd. is *vacuo*. Similarly were obtained (m.p. of HCl salt given): **Ia** 102-3°; **II** 165-6°; **III** 168-9°; and **IV** 165-6°. The described transformation cycle was a convenient method of obtaining asymmetric 1-, 2-, 3-, or 4-substituted phenoxazines. A. Kreglewski

5
1-Bew(BW)
1-Jag(NB)

Distr: 4E2c(j)/4E3b/4E3d

Halo analogs of chlorpromazine. Synthesis of 2-bromo-10-(dimethylaminopropyl)phenothiazine and 2-fluoro-10-(dimethylaminopropyl)phenothiazine. Stanislaw Kurzepa and Jerzy Cieślik (Univ. Warsaw). Rocznik Chem. 34, 111-17(1960)(English summary). Condensation of *m*-bromo- and *m*-fluorocaniline with *o*-chlorobenzoic acid gave *N*-(*m*-bromophenyl)- (Ia), m. 169-70°, yield 60%, and *N*-(*m*-fluorophenyl)anthranilic acid (Ib), m. 159-61°, 60%, resp. Decarboxylation of I or Ia at 220-40° yielded the resp. diphenylamines (II), b.p. 198-8°, 90%, and IIa, m. 57-8°, 90%; IIa or IIb heated with S and iodine at 145-50° gave 2-bromo- (III), m. 165-7°, 21%, and 2-fluorophenothiazine (IIIa), m. 192-3°, resp. Condensation of III and IIIa with 1-chloro-3-dimethylaminopropane in presence of NaNH₂ (Cieślik, et al., CA 54, 16450e) gave 2-bromo- (HCl salt m. 172-3°, yield 90%) and 2-fluoro-10-(3-dimethylaminopropyl)phenothiazine (HCl salt m. 108-7°, 90%). A. Kreglewski

5
1-BW(BW)
2-3A3(NB)(MAY)
3

CIESLAK, Jerzy; LEWAK, Stanislaw; CHMIELEWSKA, Irena

Tautomerism of 2H-pyran-2:4-(3H)-diones. Isomeric methyl ethers of
6-ethyl-2H-pyran-3(2H)-one and 3:3-methylenabis-[6-ethyl-2H-
pyran-2:4-(3H)-dione]. Rocznik chemii 34 no.2:423-430 '60. (EEAI 10:1)

1. Katedra Chemii Organicznej i Katedra Biochemii Uniwersytetu,
Warszawa.
(Pyranone)

CIESLAK, Jerzy; KURZEPKA, Stanislaw; OSTALSKA, Krystyna

N-substituted phenoxyazines; the oxygen analogue of chloropromazine.
Rocznik chemii 34 no.1:103-110 '60. (EEAI 10:9)

1. Department of Organic Chemistry, University, Warsaw and Department of Pharmacology, Institute of Mother and Child, Warsaw.

(Phenoxyazine) (Chlorodimethylaminopropylphenoxythiazine)
(Oxygen)

KURZEPA, Stanislaw; CIESLAK, Jerzy

Halogen analogues of chloropromazine; synthesis of 2-bromo-10-[(*n*-dimethylamine)-propyl]-phenothiazine and 2-fluoro-10-[(*n*-dimethylamine)-propyl]-phenothiazine. Rocznik chemii 34 no.1:111-117
'60. (EEAI 10:9)

1. Department of Organic Chemistry, University, Warsaw and Department
of Pharmacology, Institute of Mother and Child, Warsaw.

(Halogen) (Chlorodimethylaminopropylphenothiazine)
(Dimethylaminopropylphenothiazine)
(Bromodimethylaminopropylphenothiazine)
(Fluorine)

JACHYMCZYK, Witold; CIESLAK, Jerzy; CHMIELEWSKA, Irena

Tautomerism of dicoumarol. Three isomeric methyl-ethyl ethers of
dicoumarol. Rocznik chemii 34 no.3/4:925-930 '60. (EEAI 10:3)

1. Katedra Biochemii Uniwersytetu, Warszawa
(Ethyl methyl ether) (Methylenebishydroxycoumarin)

CIESLAK, Jerzy

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(CHEMISTRY)

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Gentiana lutea alkaloids. Acta Pol. pharm. 21 no.3:265-273 '64.
Acta Pol. pharm. 21 no.3:265-273 '64

1. Z Katedry Chemii Organicznej Akademii Medycznej we Wrocławiu
(Kierownik: doc. dr. J. Cieslak)

CIESLAK, Jozef; STANCZYK, Zbigniew

Testing the division of precise circles of theodolites by
an electromechanic attachment. Geod i kart 9 no.1:56-64 '60.

CIESLAK, Josef

Technological preparation of the production. Wiad naft 8
no.8:179-180 Ag '62.

CIESLAK, Josef

Standards justified technologically. Wiad naft 8 no.8:182-183
Ag '62.

CIESLAK, Lucja, dr inz.

Investigations on accelerated recrystallization of cold rolled
steel sheets. Przegl mech 22 no. 12:385-386 25 Je '63.

1. Katedra Metaloznawstwa, Politechnika Slaska, Gliwice.

GIESLAK, Lucja

~~Roentgenographic testing of sheet metal textures after conventional and speedy recrystallization.~~ Mechanika Gliwice no.16:39-42 '62.

1. Katedra Metaloznawstwa, Politechnika, Gliwice.

STAUB, Fryderyk; CIESLAK, Lucja

Accelerated recrystallization of cold-rolled low carbon steel
sheets. Archiw hutn 7 no.4:333-344 '62.

ORLOWSKI, Jan; CIESLAK, Marek; CIEMNIEWSKI, Jozef; GIESLAK, Ludwika

Isolation of cyclopentadienes from the first benzole fractions from
coking processes. Pt. 2. Przem chem. 40. no. 9: 517-521 S '61.

1. Instytut Przemyslu Organicznego, Warszawa.

WINOGRADOW, Leon; WIDAJ, Jozef; CIESLA, Marian

Influence of the size of grains and vibration milling upon
the characteristics of resistor porcelain. Szaklo 13 no.4:
112-118 Ap '62.

CIESLAK, Marian; SPETT, Karol

Short outline of the development of the psychiatric expertise
in the penal court action. Neurol. neurochir. psychiat. Pol.
15 no.4:577-583 Jl-Ag '65.

1. z Katedry Postepowania Karnego UJ w Krakowie (Kierownik:
prof. dr. M.Cieslak) i z Kliniki Psychiatrycznej AM w
Krakowie (Kierownik: prof. dr. K. Spett).

GIESLA, Stefan (Gliwice)

Solution of three-dimensional frames with arbitrarily bent bars by
the moment equilibration method. Archiw inz lad 8 no.4: 957-384 '62.

PASYNKIEWICZ, Stanislaw; DAHLIG, Wladzimierz; CIESLAK, Marek

Obtaining of aluminum organic compounds. I. Reactions of Aluminum organic compounds with alkylchlorides. Rocznik chemii 35 no.5:1283-1292 '61.

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ORLOWSKI, Jan; CIESLAK, Marek; CIEMNIEWSKI, Jozef; CIESLAK, Ludwika

Isolation of cyclopentadienes from the first benzole fractions from coking processes. Pt. 2. Przem. chm. 40. no. 9: 517-521 S '61.

1. Instytut Przemyslu Organicznego, Warszawa.

CIESLAK, Ludwika; CIEMNIEWSKI, Jozef; CIESLAK, Marek; ORLOWSKI, Jan

Isolation of cyclopentadienes from the first benzole fractions from coking processes. Pt. 3. Przem. chem. 40 no.10: 587-589 0 '61.

1. Instytut Przemyslu Organicznego, Warszawa.

S/081/62/000/022/023/088
B144/B101

AUTHORS:

Pasynkiewicz, Stanisław, Dahlig, Włodzimierz, Cieślak,
Marek

TITLE:

Synthesis of organoaluminum compounds. I. Reaction of
organoaluminum compounds with alkyl chlorides

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 22, 1962, 224,
abstract 22Zh226 (Roczn. chem., v. 35, no. 5, 1961,
1283-1292 [Pol.; summaries in Russ., Eng., and Germ.])

TEXT: In continuation of a previous paper (RZhKhim, 1961, 14Zh244) it was
shown that at 80-90°C RCl (in all cases R = C₂H₅) reacts with AlCl₂ to
form AlCl₃ and a mixture of C₂H₄ and RH in approximately the same amounts.
If AlCl₃ is present the relative content of C₂H₄ in the gas mixture
increases. Aluminum sesquichloride reacts with RCl analogously. RC₆H₅
arises from the reaction in C₆H₆. Below 170°C the substances R₂AlCl and
R₃Al do not react with RCl. In the presence of CoCl₂ (2-4%) R₂AlCl

✓

Card 1/2

Synthesis of organoaluminum ...

S/081/62/000/022/023/088
B144/B101

decomposes at 160°C and R₃Al decomposes at 120°C. The CH₃Al compounds react with CH₃Cl neither when heated nor in the presence of CoCl₂. The reaction mechanism with RAlCl₃⁻ participating as intermediate compound is discussed. [Abstracter's note: Complete translation.] ✓

Card 2/2

GIESLAK, Maria

Evaluation of some electrolytes in human saliva. Czas. stomat.
18 no.2:161-165 F '65.

1. Z Zakladu Stomatologii Zachowawczej Akademii Medycznej w
Lodzi (Kierownik: prof. dr. M. Fuchs).

GIESLAK, Ludwika; CIEMNIEWSKI, Jozef; GIESLAK, Marek; ORLOWSKI, Jan

Isolation of cyclopentadienes from the first benzole fractions from
coking processes. Pt. 3. Przem. chem. 40 no.10: 587-589 0 '61.

1. Instytut Przemyslu Organicznego, Warszawa.

CIESLAK, Piotr (Warszawa)

Partition walls made of prefabricated gypsum elements.
Przegl budowl i bud mieszk 34 no.6:329-330 Je '62

CIESLAK, Roman

New apparatus for rubber testing designed in the Institute of
the Rubber Industry. Polimery tworz wielk 9 no.5:192-
194 My'64.

1. Institute of the Rubber Industry, Warsaw.

CIESLAK, Tadeusz Stanislaw

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"Szczecin (Stettin) calls for competition." p. 115. (Skrzydla I Motor, Vol. 8, no. 8, Feb 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Unclassified

CIESLAK, Z.

CIESLAK, Z. Survey and exchange of rail joints. Przeglad. p. 72

Vol. 8, no. 5, May 1956
PRZEGLAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East European Accession Vol. 6, no. 2, 1957

CIESLAR, B. - SIUTA, W. - ZAWADZKI, J.

Theoretical and experimental analysis of the mechanical properties of
laminated Bakelite. p. 81

PRZEMYSŁ CHEMICZNY. (Ministerstwo Przemysłu Chemicznego i Stowarzyszenie
Naukowo-Techniczne Inżynierów i Techników Przemysłu Chemicznego) Warszawa,
Poland. Vol. 38, no. 2, February, 1959

Monthly List of East European Accessions (EEAI) LC, Vol 8, no. 8,
August, 1959 Uncl.

OKOLOW, Bronislaw, mgr., inz.; CIESLAR, Boguslaw, mgr., inz.; SIUTA, Wladyslaw, mgr., inz.; MURZYNSKI, Zdzislaw, mgr., inz.

Approximate computation of a nonmetrically loaded circular cylinder shell. Przegl mech 20 no.21:654-656 '61.

1. Politechnika Warszawska.

(Cylinders) (Approximate computation)

CIESLAR, Boguslaw, mgr., inz., adiunkt; KASPRZAK, Waclaw, mgr., inz.,
starszy asystent

Measurement of tensions with small basis tensometers. Mechanika
Wroclaw 6 no.43:109-127 '61.

1. Katedra Mechaniki Technicznej Politechniki Wroclawskiej.

CIESLAR, S.

"Machines for electric treatment of metal at the National Exhibition
of invention in Wroclaw (Breslau). P. 268, (WIADOMOSCI ELECTROTECHNICZNE,
Vol. 14, No. 12, Dec. 1954, Warszawa, Poland)

SO: Monthly List of East Accessions, (EEAL), LC, Vol. 4, No. 5, May
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CIESLEWICZ, Kazimierz, inz.

Automation and mechanization of the 30/6 kV station in the electric power plant at Czestochowa. Energetyka Pol 15 no.11:340-343 '61.

1. Zaklad Energetyczny, Czestochowa.

CIESLIK, J.; DERKO, H.; JONCZYK, M.

Testing the insulating properties of Alundum of various origins.
Przem inst elektron prace 5 no.1:43-51 '64.

1. Department of Emission Testing of the Industrial Institute of
Electronics and Electric lamp Manufacture, Warsaw. Submitted Febru-
ary 5, 1964.

KEMULA, Wiktor; BRAJTER, Krystyna; CIESLIK, Stefania; LIPINSKA, Hanna

A quick chromatographic method of determining copper in metallic silver and silver nitrate. Chem anal 4 no.5/6:855-861 '59.

(EEAI 9:9)

1. Katedra Chemii Nieorganicznej Uniwersytetu, Warszawa.
(Chromatography) (Copper) (Silver nitrate) (Silver)

KEMULA, Wiktor; BRAJTER, Krystyna; GIESLIK, Stefania; LIPINSKA-KOSTOWICKA,
Hanna

Application of ion exchangers to the determination of silver in low-
percentage copper ores. Chem anal 5 no.2:225-228 '60. (EEAI 10:3)

1. Katedra Chemii Nieorganicznej Uniwersytetu, Warszawa.
(Ion exchange) (Silver) (Copper)

KEMULA, Wiktor; BRAJTER, Krystyna; CIESLIK, Stefania; LIPINSKA-KOSTROWICKA,
Hanna

Determination of small amounts of iron, manganese, and copper in nickel.
Chem anal 5 no.2:229-234 '60.
(EEAI 10:3)

1. Katedra Chemii Nieorganicznej Uniwersytetu, Warszawa.
(Nickel) (Iron) (Manganese) (Copper)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9

CIESLEWSKI, Z.

Postconvention reflection, p. 14. (ROlnIK SPOLDZIELCA, Warszawa, Vol. 7, no. 21,
Nov. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9"

m CIESLEWSKI, W.

P. Hoffmann, H. Leszczynska, A. Pfeffer, B. Piatkowski, W. CIESLEWSKI,
J. Alimow, "The Refinement of Sulphur Concentrates of Polish Deposits
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pp 214-218. Published from the Institute of Sulfuric Acid and Phosphorous
Fertilizers.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9

Raffinement of Polish deposits of sulfur by centrifugation.
Hofmann, H., Janczewska, A., Pielot, B., Pietkowith,
Cieślak, and I. Alimov. Przemysł Chem. 13, 214.
1970. Results are presented on the refining of S con-
centrate obtained by flotation from Polish deposits.

inback

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"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9

CIESLEWSKI, Z. - Rolnik Spoldzielca. - Vol 8, No. 24, June 1955 - Warszawa
Instructions will help in grain buying. p. 5.

SO: Monthly list of East European Accessions List, (EEAL), LC, Vol. 4, No. 11
Nov. 1955, Uncl.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9"

CIESLIK, FRANCISZEK

POLAND/Chemical Technology. Chemical Products and Their
Application - Silicates. Glass. Ceramics. Binders. I-9

Abs Jour : Referat Zhur - Khimiya, No 4, 12659

Author : Cieslik Franciszek

Title : Maintaining the Technological Conditions of Operation is
Determinant for a Correct Progression Course of the
Production Process

Orig Pub : Przestrzeganie rezimow technologicznych decyduje o pra-
widlowosci procesu produkcyjnego. Cement. Wapno. Gips.,
1956, 12, No 7-8, 176. 1/9 (Polish)

Abstract : Data are presented to show the effect of maintenance of
technological conditions of operation on the quality of
the cement being produced.

Card 1/1

- 113 -

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9

CIESLIK, F.

Full utilization of the production capacity of machinery in the cement industries.
p. 228.
(Cement, Wapno, Gips, Krakow, Vol. 12, no. 10, Oct. 1956)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220006-9"

CIESLIK, F.; GALUSZKA, R.

Organizational and technical deficiencies hinder the fulfillment of production assignments in cement plants. p. 67.

CEMENT, WAPNO, GIPS. (Wydawnictwo "Budownictwo i Architektura") Krakow, Poland
Vol. 13, no. 4, Apr. 1957.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6,
June 1959
unclia.

COUNTRY : POLAND
CATEGORY : Analytical Chemistry. Analysis of Inorganic
Substances E
ABS. JOUR. : RZKhim., No. 1 1960, No. 879
AUTHOR : Kemula, W.; Brajter, K.; Cieslik, S.; Lipinska, H.
INST. :
TITLE : Determination of Trace Quantities of Copper,
Iron and Lead in Metallic Silver
ORIG. PUB. : Chem. analit. (Polska), 1959, 4, No 1-2,
409-415
ABSTRACT : A sample of analyzed silver is dissolved in
conc. HNO_3 , the solution is evaporated, dilu-
ted with water and passed through a column
with the cationite Wofatit KPS-200. The sorbed
Ag is precipitated in the form of $AgCl$ by
washing the column with 1 n. KCl solution,
and then Fe is eluated using 0.2-0.4 n. ammo-
nium salicylate as an eluent solution. Cu and
Pb, which remain in the column, are extracted

CARD: 1/2

E-19

COUNTRY :
CATEGORY : E
ABS. JOUR. : RZKhim., No. 1 1960, No. 879
AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : with 1.2-4.8 n. HCl solution. HCl solution is
cont'd passed through an anionic column with Nofatit
150-L, whereupon Cu passes into the filtrate
and Pb is sorbed by the resin; thereafter, Pb
is washed off with a 0.001 n. HNO₃ solution.
After separation of the cations from one another,
the solutions are polarographed. The
described method was used for the determination
of 0.05% Cu, 0.006% Fe and 0.003% Pb in metal-
lic silver.-- K. Polyanskiy

CARD: 2/2

[POLAND]

KLECZENSKI, A., CIESLINSKA, A., and SZYMANSKA, J., Second Clinic of Internal Diseases (II Klinika Chorob Wewnetrznych), AM [Akademia Medyczna, Medical Academy] in Wrocław (Director: Prof. Dr. A. FALKIEWICZ)

"Comparative Polarographic and Electrophoretic Studies of Serum Protein Pattern."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 10, 4 Mar 63,
pp 343-345.

Abstract: [Authors' English summary] Comparative polarographic (Brdicka test) and electrophoretic studies on the serum protein pattern were performed. A correlation between the height of the polarographic wave and the amount of alpha₂-globulins was observed. Of the 10 references, five are Polish, three German, and one each Czech and English.

1/1

KLECZENSKI, A.; GIESLINSKA, A.; SZYMANSKA, J.

Comparative polarographic and electrophoretic studies on
serum proteins. Pol. tyg. lek. 18 no.10:343-345 4 Mr '63.

1. Z II Kliniki Chorob Wewnetrznych AM we Wrocławiu; kierownik:
prof. dr A. Falkiewicz.

(BLOOD PROTEIN ELECTROPHORESIS) (POLAROGRAPHY)
(BLOOD PROTEINS)

CIESLINSKA, Krystyna

Endarteritis obliterans of the pulmonary arteries as the cause of chronic "cor pulmonale." Case report. Pol. tyg. lek. 17 no.52; 2036-2038 25 D '62.

1. Z I Kliniki Chorob Wewnetrznych PAM w Szczecinie; kierownik:
prof. dr med. Feliks Bolechowski.

(ENDARTERITIS) (PULMONARY ARTERY) (PULMONARY HEART DISEASE)